

747,471

BARRIER UNITS AND ARTICLES MADE THEREFROM
ABSTRACT OF THE DISCLOSURE

5 Barrier units and articles made therefrom, particularly constraining bands of
high strength and low weight for containing articles, especially in blast resistant
container assemblies, are disclosed. The barrier unit comprises a surface having a
regular polygonal perimeter with a plurality of substantially parallel sides, each of
which terminates in at least one loop integral with the surface. The surface
10 comprises at least one network of high strength fiber with at least about 50 weight
percent of the fiber comprising substantially continuous lengths of fiber aligned in
the hoop direction of the loops. The barrier units have utility as constraining bands
for loads of articles like logs, and as doors/closures for access openings to the
interior of aircraft blast resistant cargo containers. They are also useful as fences
15 and window protectors.

BEST AVAILABLE COPY